

REMARKS

Applicants elect with traverse to have examined on the merits the claims contained in Group I.

Applicants traverse the restriction of Groups I and III into separate groups. It is submitted that Groups I and III substantially overlap with the substance of the claims in Groups I and III being substantially related.

Claim 1 recites:

In a system having a transmitter transmitting a plurality of packets each containing a header to a receiver, a method of synchronizing the transmission of compressed headers between the transmitter and receiver comprising:

transmitting a current packet from the transmitter to the receiver containing information that the transmitter is prepared to send subsequently transmitted packets in which the headers therein are to be compressed in comparison to the header contained in the current packet; and

transmitting from the receiver to the transmitter an acknowledgment packet that the receiver has received the current packet.

As seen, the preamble pertains to transmission of compressed headers. While the term "synchronizing" is utilized, synchronization is present in the operation of any properly operating transmitter and a receiver including the claims of Group III.

Claim 1 recites the transmitting of a current packet with indication that the transmitter is prepared to subsequently transmit packets with headers which are compressed.

Following the first step is the transmission of an acknowledgment that the receiver has received the current packet.

Independent claim 46 recites:

A method of reducing a number of bits contained in headers of a sequence of transmitted data packets comprising:

transmitting at least one sequence of data packets from a transmitter to a receiver with each sequence containing at least one packet containing a full header followed by at least one packet containing a compressed header having fewer bits than the full header;

in response to one of the data packets received by the receiver containing a full header transmitting from the receiver to the transmitter an

acknowledgment that the receiver has received the one data packet containing the full header; and

in response to the receiving of the acknowledgment by the transmitter, transmitting at least one subsequent data packet from the transmitter to the receiver with a header which is further compressed beyond the compression of the at least one header in the at least one sequence.

The preamble of claim 46 recites reducing a number of bits contained in headers of a sequence of data packets. A comparison with the preamble of claim 1 demonstrates the overlap of the preambles in that the preamble of claim 1 refers to compressed headers which is inherently a reduction in the number of bits contained in a sequence of transmitted data packets as recited in claim 46.

The steps of claim 46 recite the transmission of a full header followed by at least one packet containing a compressed header with fewer bits in the full header. It is seen that similar subject matter is recited in claim 1. Furthermore, claim 46 recites the transmission from the receiver to the transmitter of an acknowledgment which is also present in claim 1. Finally, the last step in claim 46 recites transmitting at least one subsequent data packet from the transmitter to the receiver with the header which is further compressed beyond the compression of the at least one header in the at least one sequence. Claim 1, likewise recites subsequently transmitted packets being compressed.

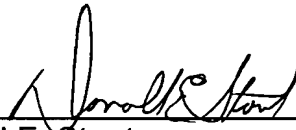
It is therefore seen from the above analysis that independent claims 1 and 46 have overlapping scope. It is submitted that this overlapping scope demonstrates that the subject matter of independent claims 1 and 46 are not independent and distinct inventions.

Accordingly, an early examination of the merits of the claims contained in Groups I and III is respectfully requested.

To the extent necessary, Applicants petition for an extension of time under 37 C.F.R. §1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (0172.37735X00) and please credit any excess fees to such Deposit Account.

Respectfully submitted,

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Attachments

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